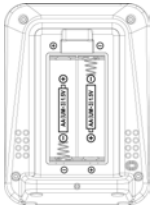
LA CROSSE®
TECHNOLOGY

Wireless Thermometer
Model: 308-1410GR | Instruction Manual

This Wireless Thermometer features: indoor/outdoor temperature with MIN/MAX readings in Fahrenheit or Celsius, outdoor temperature trend arrow, and manual set time. Wireless transmission range of over 200 feet (60 meters) in open air, from transmitter to wireless thermometer.

SETUP INSTRUCTIONS STEP BY STEP

STEP 1:



- Remove battery cover from the Wireless Thermometer.
- Insert 2 NEW AA batteries (not included) into the back of the wireless thermometer. Observe the correct polarity (see marking inside the battery compartment).
- The wireless thermometer will light up and show, indoor temperature, and time (12:00).

STEP 2:

- Ensure that the transmitter is within 10 feet of the wireless thermometer.
- Remove battery cover from TX141-B transmitter: Slide the battery cover down and lift off the front.
- Insert 2 NEW AA batteries into the transmitter. Observe the correct polarity.
- Within 3 minutes the Wireless Thermometer will show readings in the outdoor temperature area on the LCD.

Note: Allow the wireless thermometer and the transmitter to stay within 10 feet of each other for the first 15 minutes of set up.

- **Do Not Mix Old and New Batteries**
- **Do Not Mix Alkaline, Standard, Lithium or Rechargeable Batteries**

TRANSMITTER SIGNAL STRENGTH INDICATOR

- After the batteries are inserted, the wireless thermometer will search for the outdoor temperature transmitter for 3 minutes.
- The antenna symbol will flash during reception, and temperature display will be dashes "---".
- No antenna symbol will show during transmitter synchronization.
- If synchronization fails once, the antenna will lose one bar.
- If synchronization fails twice, the antenna will lose two bars.
- If RF (radio frequency) reception fails five times, the antenna symbol will be shown as .
- The antenna will show full display with successful RF (radio frequency) reception.

TROUBLE SHOOTING

- If the wireless thermometer does not display the outdoor temperature after 3 minutes, remove the batteries from both units and start the setup process again.
- If the outdoor temperature does not show up after a second attempt, please slide open the battery cover of the outdoor transmitter to reveal the TX button. Push down on the TX button for 3 seconds to send a wireless signal to the wireless thermometer.
- For optimal 433 MHz signal reception, the outdoor transmitter should be placed within 200 feet (60 meters) from the wireless thermometer.

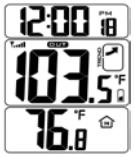
SET TIME

The SET/°F/°C button moves through the program menu. The MIN/MAX/+ button changes the value.

- **12/24-HOUR TIME:** Hold the SET/°F/°C button for 2 seconds. 12H will flash. Press and release the MIN/MAX/+ button to select 24-hour time format. Press and release the SET button once to move to the hour.
- **HOUR**: The Hour will flash. Press and release the MIN/MAX/+ button until the correct hour is shown. Press and release the SET button once to move to the minutes.
- **MINUTES:** The Minutes will flash. Press and release the MIN/MAX/+ button until the correct minutes are displayed. Press and release the SET button once more to exit the program menu.

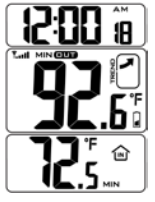
FAHRENHEIT/CELSIUS

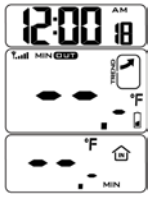
Press the SET/°F/°C button to select Fahrenheit or Celsius temperature readout.



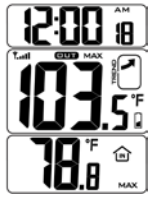
MAXIMUM/MINIMUM TEMPERATURE READINGS

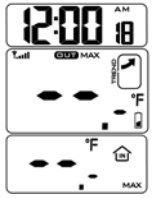
The Wireless Thermometer will show the daily minimum and maximum temperatures each day starting at midnight (12:00 AM). The temperature station automatically resets the min/max temperatures at midnight (12:00 AM).





VIEW MINIMUM: Press MAX/MIN button to show the minimum temperature record.
RESET MINIMUM: With the minimum temperatures displayed, press and hold the MAX/MIN key for 2 seconds to manually clear the MIN records in memory.





VIEW MAXIMUM: Press MAX/MIN key again, to show the maximum temperature records. In maximum memory display mode,
RESET MINIMUM: With the maximum temperatures displayed, press and hold the MAX/MIN key for 2 seconds to manually clear the MAX records in memory.

TEMPERATURE TREND ICONS

The outdoor temperature trend indicators will update every 30 minutes or less. These trends represent temperature changes over the past three hours.

- Temperature rising more than 2°F / 1°C in the past three hours
- Temperature has **not changed** more than 2°F / 1°C in the past three hours.
- Temperature falling more than 2°F / 1°C in the past three hours

The temperature trend indicators are shown next to the indoor temperature and outdoor temperature readings.

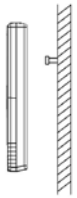
POSITIONING THE TEMPERATURE TRANSMITTER

The remote temperature transmitter should be mounted vertically to avoid damage. Place both units in the desired locations, and wait approximately 1-hour before permanently mounting the transmitter

to ensure that there is proper reception. The outdoor temperature transmitter is water resistant, not waterproof and should not be placed anywhere it will become submerged in water or subject to standing water or snow.

WALL MOUNT
Choose a location for the transmitter that is within range of the Wireless Thermometer and under an overhang for accuracy.

Option 1:



- Install one mounting screw (not included) into a wall leaving approximately ½ of an inch (12.7mm) extended.
- Place the transmitter onto the screw, using the hanging hole on the backside.
- Gently pull the transmitter down to lock the screw into place.

Option 2:
- Insert the mounting screw (not included) through the front of the transmitter and into the wall.
- Tighten the screw to snug (do not over tighten).
- To achieve a true temperature reading, mount where direct sunlight cannot reach the outdoor transmitter. Mount the outdoor transmitter on a North-facing wall or in any well shaded area. Under an eave or deck rail work well. The maximum transmitting range in open air is over 200-feet (60 meters). Obstacles such as walls, windows, stucco, concrete, and large metal objects can reduce the range. Place the transmitter at least 6 feet in the air to improve signal transmission.

SPECIFICATIONS

Indoor Temperature:	
Range:	32°F to 122°F (0°C to + 50°C)
Resolution:	0.2°F/0.1°C
Outdoor Temperature:	
Range:	-40°F to 140°F (-40°C to + 60°C)
Resolution:	0.2°F/0.1°C
Distance:	Over 200 ft. (60 meters) RF 433MHz (open air)
Power:	
Wireless Thermometer:	2-AA LR6 Alkaline battery (not included)
TX141-B Transmitter:	2-AA LR6 Alkaline battery (not included)
Battery Life:	Battery life is over 24 months when using reputable Alkaline battery brands
Dimensions:	
308-1410GR	
Wireless Thermometer:	3”L x 1.36”W x 4.17”H (76 x 34 x 106 mm)
TX141-B Transmitter:	5.08” H x 1.58” W x 0.83” D (129 x 40.13 x 21mm)

CARE AND MAINTENANCE

- **Do Not Mix Old and New Batteries**
- **Do Not Mix Alkaline, Standard, Lithium or Rechargeable Batteries**
- Do not expose the Wireless Thermometer: to extreme temperatures, vibration or shock.
- Keep wireless thermometer dry.
- Clean with a soft damp cloth. Do not use solvents or scouring agents.
- The wireless thermometer is not a toy. Keep it out of reach of children.
- The wireless thermometer is not to be used for medical purpose or for public information, but is determined for home use only.
- The specifications of this product may change without prior notice.
- Improper use or unauthorized opening of housing will void the warranty.
- If the unit does not work properly, change the batteries.

WARRANTY INFORMATION

La Crosse Technology, Ltd provides a 1-year limited warranty on this product against manufacturing defects in materials and workmanship. This limited warranty begins on the original date of purchase, is valid only on products purchased and used in North America and only to the original purchaser of this product. To receive warranty service, the purchaser must contact La Crosse Technology, Ltd for problem determination and service procedures. Warranty service can only be performed by a La Crosse Technology, Ltd authorized service center. The original dated bill of sale must be presented upon request as proof of purchase to La Crosse Technology, Ltd or La Crosse Technology, Ltd’s authorized service center.

La Crosse Technology, Ltd will repair or replace this product, at our option and at no charge as stipulated herein, with new or reconditioned parts or products if found to be defective during the limited warranty period specified above. All replaced parts and products become the property of La Crosse Technology, Ltd and must be returned to La Crosse Technology, Ltd.

Replacement parts and products assume the remaining original warranty, or ninety (90) days, whichever is longer. La Crosse Technology, Ltd will pay all expenses for labor and materials for all repairs covered by this warranty. If necessary repairs are not covered by this warranty, or if a product is examined which is not in need or repair, you will be charged for the repairs or examination.
The owner must pay any shipping charges incurred in getting your La Crosse Technology, Ltd product to a La Crosse Technology, Ltd authorized service center.

Your La Crosse Technology, Ltd warranty covers all defects in material and workmanship with the following specified exceptions: (1) damage caused by accident, unreasonable use or neglect (including the lack of reasonable and necessary maintenance); (2) damage occurring during shipment (claims must be presented to the carrier); (3) damage to, or deterioration of, any accessory or decorative surface; (4) damage resulting from failure to follow instructions contained in your owner’s manual; (5) damage resulting from the performance of repairs or alterations by someone other than an authorized La Crosse Technology, Ltd authorized service center; (6) units used for other than home use (7) applications and uses that this product was not intended or (8) the products inability to receive a signal due to any source of interference.

This warranty covers only actual defects within the product itself, and does not cover the cost of installation or removal from a fixed installation, normal set-up or adjustments, claims based on misrepresentation by the seller or performance variations resulting from installation-related circumstances.

LA CROSSE TECHNOLOGY, LTD WILL NOT ASSUME LIABILITY FOR INCIDENTAL, CONSEQUENTIAL, PUNITIVE, OR OTHER SIMILAR DAMAGES ASSOCIATED WITH THE OPERATION OR MALFUNCTION OF THIS PRODUCT. THIS PRODUCT IS NOT TO BE USED FOR MEDICAL PURPOSES OR FOR PUBLIC INFORMATION. THIS PRODUCT IS NOT A TOY. KEEP OUT OF CHILDREN’S REACH.

This warranty gives you specific legal rights. You may also have other rights specific to your State. Some States do no allow the exclusion of consequential or incidental damages therefore the above exclusion of limitation may not apply to you.

For warranty work, technical support, or information contact:

La Crosse Technology, Ltd
2817 Losey Blvd. S.
La Crosse, WI 54601

Contact Support: 1-608-782-1610
Product Registration:
www.lacrossetechnology.com/support/register

On the Web at:
www.lacrossetechnology.com/308-1410

Protected under U.S. Patents:
5,978,738, 6,076,044, 6,597,990

FCC STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.

This device must not be co-located or operating in conjunction with any other antenna or transmitter. **Operation is subject to the following two conditions:**
(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

Caution!
The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user authority to operate the equipment.

All rights reserved. This manual may not be reproduced in any form, even in part, or duplicated or processed using electronic, mechanical or chemical process without the written permission of the publisher.
This booklet may contain errors or misprints. The information it contains is regularly checked and corrections are included in subsequent editions. We disclaim any responsibility for any technical error or printing error, or their consequences.
All trademarks and patents are recognized.